

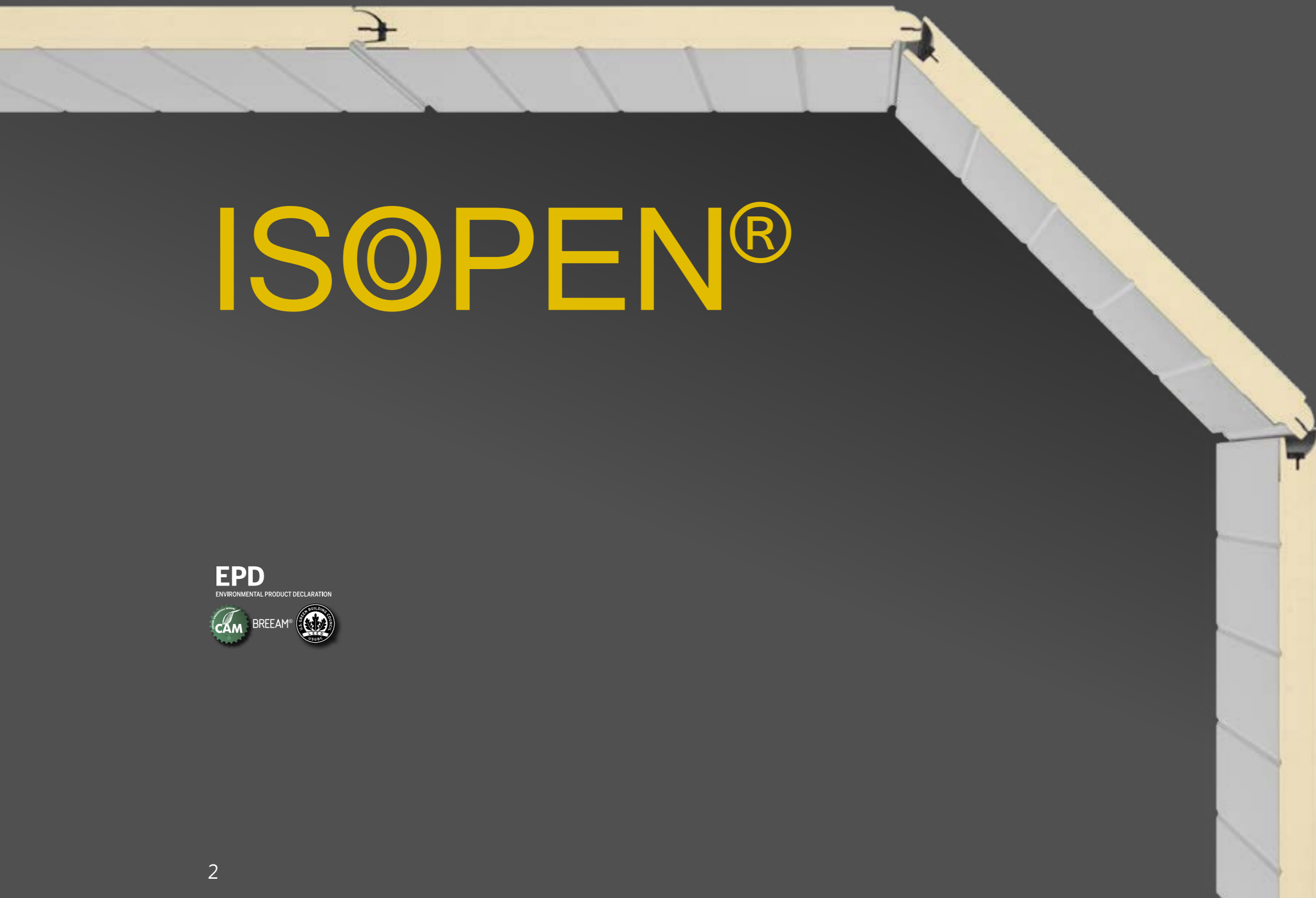
DRY CONSTRUCTION SYSTEM

Have we ever told  
you about Lattonedil  
**sectional** panels?

IS@OPEN®

LATTONEDIL





# ISOPEN®

We know that we are not the only manufacturer of sectional panels, and that is precisely why we try to be!



# isOpen® flat Materia

Insulation panels for residential sectional doors

Exclusive spatulated plaster finish



#### MAIN FEATURES OF ISOPEN LATTONEDIL PANELS

##### **Thermal and acoustic insulation**

Thanks to the insulating core, they offer excellent thermal and acoustic properties, reducing heat and noise loss.

##### **Robustness and durability**

The metal materials used for the outer layers are impact, weather and corrosion resistant, ensuring a long service life.

##### **Ease of installation**

They adapt to the fastening and sliding system you produce

##### **Security**

Many of these panels include safety systems to prevent accidents when opening and closing the door.

##### **Customisable design**

They can be produced in various colours and degrees of design and finish to match the aesthetics of the buildings in which they are installed.

#### APPLICATIONS

##### **Residential**

Garage doors for homes, which can be operated manually or with electric motors.

##### **Industrial**

Large gates for warehouses, warehouses and other industrial buildings, often with considerable dimensions and technical specifications for intensive use.

#### ADVANTAGES

##### **Energy efficiency**

Thanks to their thermal insulation, they help maintain constant temperatures inside buildings, reducing energy costs.

##### **Low maintenance**

Strong and durable materials require little maintenance over time.

##### **Versatility**

Suitable for a wide range of applications, they can be customised according to specific project requirements.

# ISOPEN®

IS OPEN TO:

1

Immediate availability

2

Cut to size resulting in a reduction of your stock

3

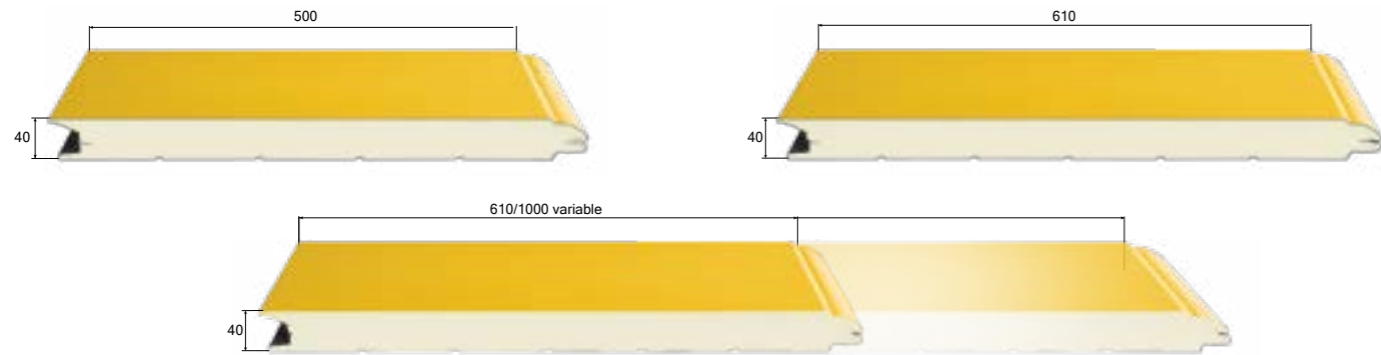
Maximum aesthetic performance



## isOpen® flat

Insulation panels for residential sectional doors

Metal sheet	Steel EN10346
Insulating	Isolant PUR (CFC & HCFC Free)
Thickness	40 mm
Weight	4,80 (500mm) / 5,50 (610mm) kg/ml
Length	Min. 2000 - Max. 13500
External side	Without mouldings
External finishing	Smooth
External finishing Options	Stucco, Woodgrain, Materia (spatulated plaster finish)
Internal side	Stucco Ribbed



<b>u</b> transmittance	<b>40</b>
W/m² K	0,55
Kcal/m² h °C	0,47



## ISOPEN®

The residential sectional panel joint with a beak design has a superior aesthetic configuration and offers numerous security and insulation benefits. This joint is characterised by a contoured shape reminiscent of a toucan's beak, which contributes to its overall functionality. The shaping allows for a precise and stable fit between the panels, creating a clean and uniform connection line.

This innovative design includes an anti-pinch system, which is essential for safety in residential applications. The shape of the joint prevents fingers from being trapped between the panels during door movement, significantly reducing the risk of injury. In addition, the joint is designed to improve thermal insulation. Inside, it contains rubber seals that compress when the panels are closed, creating an effective barrier against air and water infiltration.

This configuration also contributes to greater energy efficiency by providing a thermal barrier, reducing heating and cooling costs.

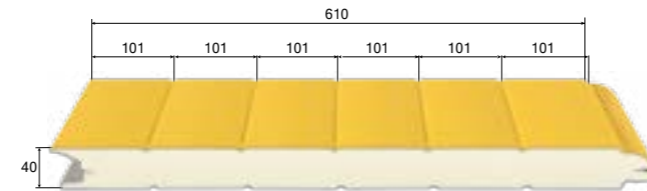
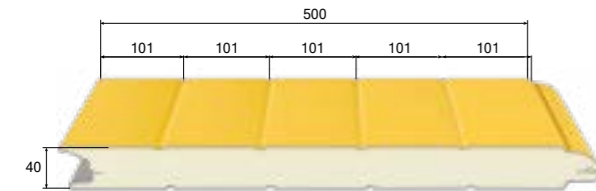




## isOpen<sup>®</sup> stripes

Insulation panels for residential sectional doors

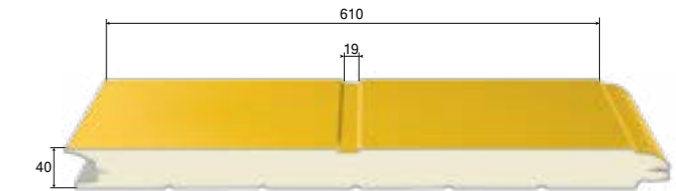
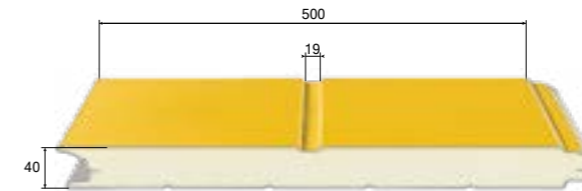
Metal sheet	Steel EN10346
Insulating	Isolant PUR (CFC & HCFC Free)
Thickness	40 mm
Weight	4,80 (500mm) / 5,50 (610mm) kg/ml
Length	Min. 2000 - Max. 13500
External side	Ribbed
External finishing	Stucco
External finishing Options	Smooth, Woodgrain
Internal Side	Stucco Ribbed



## isOpen<sup>®</sup> doga

Insulation panels for residential sectional doors

Metal sheet	Steel EN10346
Insulating	Isolant PUR (CFC & HCFC Free)
Thickness	40 mm
Weight	4,80 (500mm) / 5,50 (610mm) kg/ml
Length	Min. 2000 - Max. 13500
External side	Middle Groove
External finishing	Smooth
External finishing Options	Stucco, Woodgrain
Internal Side	Stucco Ribbed



<b>U</b> transmittance	<b>40</b>
W/m <sup>2</sup> K	0,55
Kcal/m <sup>2</sup> h °C	0,47

<b>U</b> transmittance	<b>40</b>
W/m <sup>2</sup> K	0,55
Kcal/m <sup>2</sup> h °C	0,47

# isOpen<sup>®</sup> doga

Insulation panels for residential sectional doors





## isOpen® diamond

Insulation panels for residential sectional doors

Metal sheet	Steel EN10346
Insulating	Isolant PUR (CFC & HCFC Free)
Thickness	40 mm
Weight	4,80 (500mm) / 5,50 (610mm) kg/ml
Length	Min. 2000 - Max. 13500
External side	Microribbed
External finishing	Smooth
Internal Side	Stucco Ribbed



<b>u</b> transmittance	<b>40</b>
W/m² K	0,55
Kcal/m² h °C	0,47

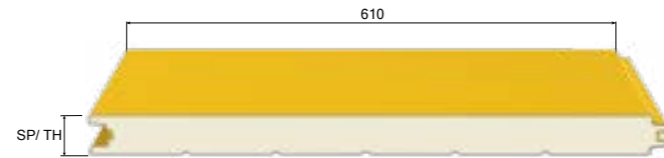
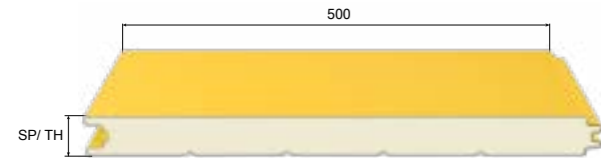




## isOpen® PRO flat

Insulation panels for professional sectional doors

Metal sheet	Steel EN10346	Steel EN10346
Insulating	Isolant PUR (CFC & HCFC Free)	Isolant PUR (CFC & HCFC Free)
Thickness	<b>40 mm</b>	<b>80 mm</b>
Weight	4,80 (500 mm) / 5,50 (610 mm) kg/ml	5,50 (500 mm) / 6,50 (610 mm) kg/ml
Length	Min. 2000 - Max. 13500	Min. 2000 - Max. 13500
External side	Without mouldings	Without mouldings
External finishing	Stucco	Stucco
External finishing Options	Smooth, Woodgrain	Smooth, Woodgrain
Internal Side	Stucco Ribbed	Stucco Ribbed



<b>u</b> transmittance	<b>40</b>	<b>80</b>
W/m² K	0,55	0,28
Kcal/m² h °C	0,47	0,24



## ISOPEN® PRO

The simplest but most functional and impact-resistant sectional panel joint for industrial use is designed for strength and durability in high-intensity use environments. This type of joint consists of a tongue-and-groove system that ensures a strong and stable connection between the panels. The simplicity of this design does not compromise its efficiency; on the contrary, it facilitates installation and maintenance, making it ideal for industrial applications.

The joint is completed by rubber gaskets inserted in the male-female profiles, which improve thermal and acoustic insulation while protecting against water and dust infiltration.

These gaskets compress when the panels are closed, ensuring an effective seal while maintaining constant internal temperatures.

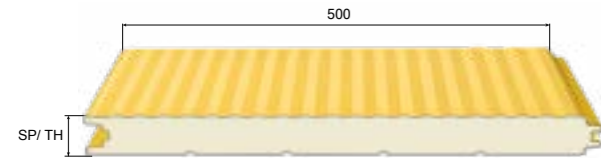




## isOpen<sup>®</sup> PRO diamond

Insulation panels for professional sectional doors

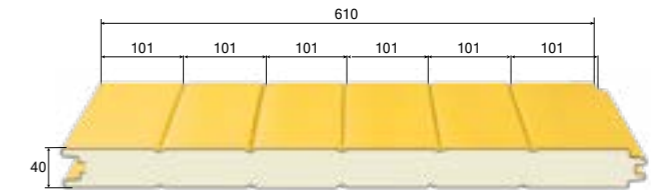
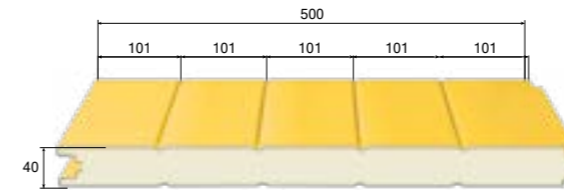
Metal sheet	Steel EN10346	Steel EN10346
Insulating	Isolant PUR (CFC & HCFC Free)	Isolant PUR (CFC & HCFC Free)
Thickness	<b>40 mm</b>	<b>80 mm</b>
Weight	4,80 (500 mm) / 5,50 (610 mm) kg/ml	5,50 (500 mm) / 6,50 (610 mm) kg/ml
Length	Min. 2000 - Max. 13500	Min. 2000 - Max. 13500
External side	Microribbed	Microribbed
External finishing	Smooth	Smooth
Internal Side	Stucco Ribbed	Stucco Ribbed



## isOpen<sup>®</sup> PRO stripes

Insulation panels for professional sectional doors

Metal sheet	Steel EN10346	Steel EN10346
Insulating	Isolant PUR (CFC & HCFC Free)	Isolant PUR (CFC & HCFC Free)
Thickness	<b>40 mm</b>	<b>80 mm</b>
Weight	4,80 (500 mm) / 5,50 (610 mm) kg/ml	5,50 (500 mm) / 6,50 (610 mm) kg/ml
Length	Min. 2000 - Max. 13500	Min. 2000 - Max. 13500
External side	Ribbed	Ribbed
External finishing	Stucco	Stucco
External finishing Options	Smooth, Woodgrain	Smooth, Woodgrain
Internal Side	Stucco Ribbed	Stucco Ribbed



<b>U</b> transmittance	<b>40</b>	<b>80</b>
W/m <sup>2</sup> K	0,55	0,28
Kcal/m <sup>2</sup> h °C	0,47	0,24

<b>U</b> transmittance	<b>40</b>	<b>80</b>
W/m <sup>2</sup> K	0,55	0,28
Kcal/m <sup>2</sup> h °C	0,47	0,24



## isOpen<sup>®</sup> PRO stripes

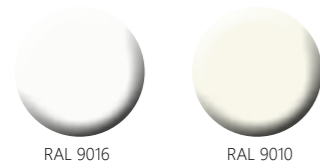
Insulation panels for professional sectional doors

## Colour available for panels

### External side



### Internal side



### Exterior wood finish



### Exterior side Materia finish, hand-troweled plaster.



For information about actual stock availability, thickness of producible supports, non-standard colours, warranties and types of supports, please contact our Technical department.  
Colours may differ depending on the production batch, so uniformity of tone can be guaranteed with supports included in the same production batch.

## isOpen Sectional Panels

Surface finish	External side				Internal side	Height panel
	SPATULATED PLASTER	SMOOTH	STUCCO	WOODGRAIN		
<b>RESIDENTIAL</b>					STUCCO	
<b>isOpen flat Materia</b> Without mouldings	√					500/610 mm 610 -1000 variable
<b>isOpen flat</b> Without mouldings		√	√	√	√	500/610 mm
<b>isOpen stripes</b> Ribbed		√	√	√	√	500/610 mm
<b>isOpen doga</b> Middle Groove		√	√	√	√	500/610 mm
<b>isOpen diamond</b> Microribbed		√			√	500/610 mm
<b>PROFESSIONAL</b>	SPATULATED PLASTER	SMOOTH	STUCCO	WOODGRAIN	STUCCO	
<b>isOpen PRO flat Materia</b> Smooth	√					500/610 mm
<b>isOpen PRO flat</b> Smooth		√	√	√	√	500/610 mm
<b>isOpen PRO stripes</b> Ribbed		√	√	√	√	500/610 mm
<b>isOpen PRO diamond</b> Microribbed		√			√	500/610 mm

### Finishes



SMOOTH

STUCCO

WOODGRAIN



Azienda certificata:  
UNI EN ISO 9001:2015  
UNI EN ISO 14001:2015



BREEAM



EPD

ENVIRONMENTAL PRODUCT DECLARATION



/lattonedil

Lattonedil s.p.a. Milano

Production of insulated metal panels for roofs and walls

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www.lattonedil.com - info@lattonedil.it

isOpen ed.2 2025 EN

# LATTONEDIL



## ITALY

CARIMATE  
CANTÙ  
VENZONE  
CROTONE  
FROSINONE  
REGGIO EMILIA  
BATTIPAGLIA

## GERMANY

DINKELSBÜHL

## SPAIN

HUERTA  
SALAMANCA

## BOSNIA AND HERZEGOVINA

NOVA TOPOLA

## FRANCE

LA ROCHE-SUR-YON

## ROMANIA

STOLNICENI-PRAJESCU